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DATA SHEET

PS2F 5000 N25 Thermal Store



| Main Features | |
|-------------------|---|
| Application | Storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources; the tank is fitted with 2 flanged openings that can permit installation of a DHW tube heat exchanger or connecting a solar thermal system. It is fitted with G 2.5" F threaded tappings. |
| Working fluid | water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil |
| Storage tank code | 14466 |
| Insulation code | 19360 |

| Energy Efficiency Data (as per EC Regulation No. 812/2013) | | |
|--|----------------------------------|--|
| | valid for a tank with insulation | |
| Energy efficiency class | N/A | |
| Static loss | 336 W | |
| Storage volume | 4994 I | |

| Technical data | |
|---|---------|
| Total storage tank volume | 4994 |
| Max. working temperature in storage tank | 95 °C |
| Max. working pressure in storage tank | 3 bar |
| Storage tank diameter | 1600 mm |
| Storage tank diameter with insulation | 1800 mm |
| Storage tank overall height | 2855 mm |
| Tipping height without insulation | 2970 mm |
| Storage tank perimeter insulation thickness | 100 mm |
| Storage tank bottom insulation thickness | 50 mm |
| Storage tank top insulation thickness | 100 mm |
| Empty weight without insulation | 491 kg |

| Materials | |
|--|------------------|
| Storage tank material | S235JR |
| Storage tank perimeter insulation | fleece |
| Storage tank outer surface insulation | hard polystyrene |
| Top and bottom storage tank insulation | fleece |

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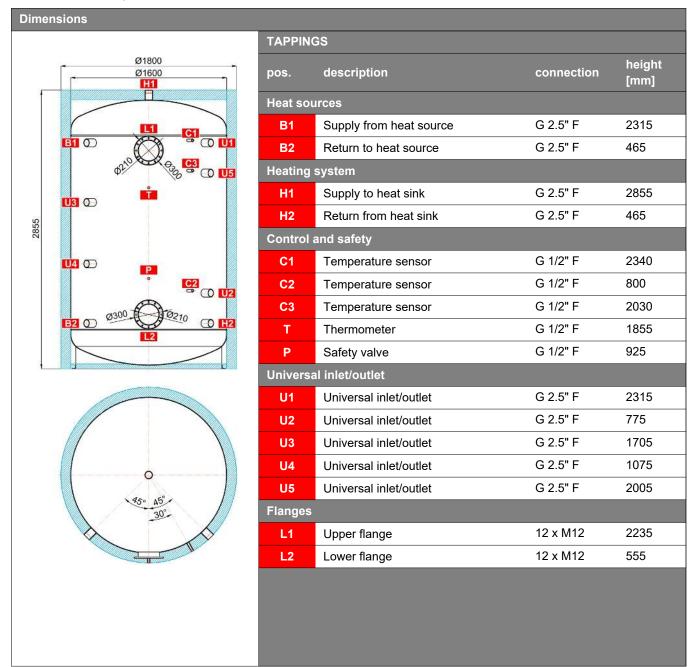


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| Accessories | |
|---------------------------------|----------------------|
| Electrical heating element | ETT-A, C, D, F, P, M |
| Heating element max. length | 955 mm |
| Blind flange | code 6230 |
| Blind flange for heat exchanger | code 6231 / 6232 |
| Tube heat exchanger | max. area 4.5 m² |

For the electric heater, a G 2.5" M x G 6/4" F reducer must be used



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